



ISO 9001, 14001 & 45001  
CERTIFIED COMPANY

# LAWN ENVIRO ASSOCIATES

[Engineers & Consultants in Pollution Control]

Recognised by Ministry of Environment Forest & Climate Change (MoEF & CC), GOI, New Delhi  
& Laboratory Accredited by NABL

## TEST REPORT

REF.NO: LAWN/SCL-M/2021

Date: 07-4-2021

### AMBIENT AIR QUALITY DATA – CORE ZONE

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED, (MINES)**  
Mattampally (Post & Mandal),  
Suryapet (Dist) - 508 204.

| Location  | : | Near Haulage Road | Near Mines Office | LIMIT | PROTOCOL/METHOD                                  |
|---|---|-------------------|-------------------|-------|--|
| 1. Date of sampling   | : | 25-3-2021         | 25-3-2021         | --    | ---  |
| 2. Total time of monitoring   | : | 24 hr             | 24 hr             | --    | ---  |
| 3. Average flow rate (cum/min)  | : | 1.09              | 1.04              | --    | ---  |
| 4. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>10</sub>  | : | 80                | 71                | <100  | IS:5182 (Part-23); 2017 Gravimetric Method       |
| 5. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>2.5</sub> | : | 35                | 28                | <60   | IS:5182 (Part-24); 2019 Gravimetric Method       |
| 6. Sulphur dioxide (SO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )    | : | 09                | 06                | <80   | IS:5182 (Part-2); 2018 New West & Greake Method  |
| 7. Nitrogen dioxide (NO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )   | : | 21                | 19                | <80   | IS:5182 (Part-6); 2017 JACOB & Hochheiser Method |
| 8. CO, Concentration (ppm)  | : | <2                | <2                | <2    | IS:5182 (Part-10); 2019 CO Analyzer Method       |



AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / SL.NO. RDS 9000 / 040139, CALIBRATED ON 02-01-2021, DUE ON 01-01-2022

2. RESPIRABLE DUST SAMPLER MODEL / SL.NO. RDS 9000 / 040140, CALIBRATED ON 02-01-2021, DUE ON 01-01-2022

1. FINE PARTICULATE SAMPLER / APM 550 (SL.NO. 1351-DTF-2013), CALIBRATED ON 03-06-2020, DUE ON 02-06-2021

2. FINE PARTICULATE SAMPLER / APM 550 (SL.NO. 1354-DTF-2013), CALIBRATED ON 03-06-2020, DUE ON 02-06-2021

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